

PATENT ABSTRACTS OF JAPAN

(11) Publication number :

2002-342084

(43) Date of publication of application : 29.11.2002

(51) Int.Cl.

G06F 9/445

(21) Application number : 2001-150896

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(22) Date of filing : 21.05.2001

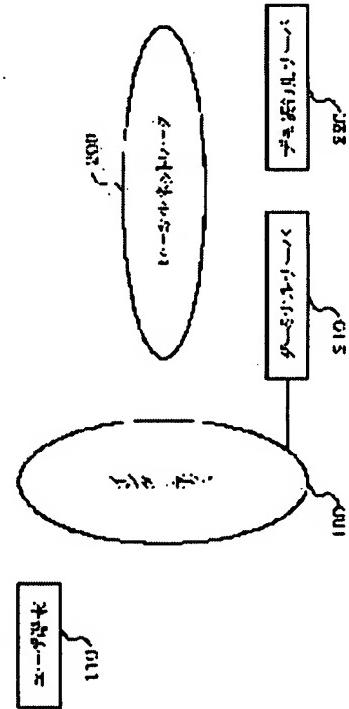
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(54) SOFTWARE DEMONSTRATION ENVIRONMENT PROVIDING SYSTEM AND SOFTWARE DEMONSTRATION ENVIRONMENT PROVIDING METHOD

(57) Abstract:

PROBLEM TO BE SOLVED: To provide the demonstration environment of client/server type software with less burdens for a user.

SOLUTION: A terminal server 210 controls the input/output of the demonstration of software and a user terminal 110 is provided with the window function of the terminal server. A server 220 for demonstration execution is connected to the terminal server and a local network 200 and executes the demonstration of the software. The user terminal 110 logs on the terminal server 210 through the Internet 100, instructs the demonstration execution to the server 220 for the demonstration execution through the terminal server and receives the demonstration result of the software by the server for the demonstration execution through the terminal server.



LEGAL STATUS

[Date of request for examination] 17.04.2002

[Date of sending the examiner's decision of rejection] 22.11.2005

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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CLAIMS

[Claim(s)]

[Claim 1] The terminal server which controls I/O of a demonstration of software in the demonstration environmental offer system of software, The server for demonstration activation which is connected on the same network as said terminal server, and performs the demonstration of said software, Log on to said terminal server through a communication line and this communication line, and said terminal server is minded. The demonstration environmental offer system of the software characterized by being constituted including the user terminal which directs demonstration activation to said server for demonstration activation, and receives the demonstration result of said software by said server for demonstration activation through said terminal server.

[Claim 2] Said communication line is the demonstration environmental offer system of the software according to claim 1 characterized by being the Internet.

[Claim 3] The demonstration execution environment by said terminal server and said server for demonstration activation is a demonstration environmental offer system according to claim 1 characterized by being built beforehand.

[Claim 4] The demonstration environmental offer system of the software according to claim 1 characterized by providing said user terminal with the window function of said terminal server which controls I/O of a demonstration of said software.

[Claim 5] The server for demonstration activation which is connected in the demonstration environmental offer approach of software on the same network as the terminal server which controls I/O of a demonstration of software, and said terminal server, and performs the demonstration of said software is prepared beforehand. A user terminal logs on to said terminal server through a communication line, and said terminal server is minded. The demonstration environmental offer approach of the software characterized by directing demonstration activation to said server for demonstration activation, and receiving the demonstration result of said software by said server for demonstration activation through said terminal server.

[Claim 6] Said communication line is the demonstration environmental offer approach of the software according to claim 5 characterized by being the Internet.

[Claim 7] The demonstration execution environment by said terminal server and said server for demonstration activation is the demonstration environmental offer approach according to claim 5 characterized by being built beforehand.

[Claim 8] The demonstration environmental offer approach of the software according to claim 5 characterized by providing said user terminal with the window function of said terminal server which controls I/O of a demonstration of said software.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the system and approach of offering the demonstration environment of client-server mold software especially about the approach of demonstrating in the environment through networks, such as the Internet.

[0002]

[Description of the Prior Art] It is general to investigate whether the user-friendliness of the software and the function of software are filling requirements with what was called so-called trial version before current and the purchase of software.

[0003] The demonstration needed to be performed after carrying out manually all of acquisition of a demonstration, construction of the environment where a demonstration *****, install of a demonstration, a setup of software, etc., irrespective of whether it is an environment through networks, such as the Internet, when such software was demonstrated conventionally.

[0004] Reference of drawing 4 constitutes the conventional demonstration offer approach from the Internet 50 which connects mutually a user terminal 10, the local network 30 in which the user terminal has participated, the server 20 which has managed the network, the server 60 of the manufacturer who offers the demonstration of software, a manufacturer's server, and a user terminal.

[0005] A user accesses the server 60 for demonstration offer which the manufacturer of software has established on the Internet 50 through a user terminal 10, and receives the demonstration of software from there. Then, a user changes a setup of a local network 30 and the management server 20, and builds the environment where the software which came to hand operates. Then, a demonstration is installed in a user terminal 10 and the management server 20, and a setup for actuation is performed.

[0006] Although this example explained demonstration construction in the environment through networks, such as the Internet, even when it does not mind the Internet, the acquisition approach of a demonstration of software only changes and it is changeless to the construction approach itself.

[0007]

[Problem(s) to be Solved by the Invention] However, in this conventional construction procedure, the time and effort by the side of a user was taken too much, namely, there were a problem of time and effort, such as acquisition of the demonstration by the user side, construction of operating environment, install of a demonstration, and a setup, and a problem that it was necessary to prepare a server etc. in order to build operating environment.

[0008] Moreover, in the manufacturer side of software, there is no method of checking how the demonstration is used, and there was a problem that unjust use etc. might be performed.

[0009] then, the purpose of this invention -- a user's time and effort -- the minimum -- carrying out -- in addition -- and the manufacturer side of software is also to offer the demonstration offer approach that the problem of unjust use cannot arise.

[0010]

[Means for Solving the Problem] Invention of the 1st of this application is set to the demonstration environmental offer system of software. The terminal server which controls I/O of a demonstration of software, and the server for demonstration activation which is connected on the same network as said terminal server, and performs the

demonstration of said software, Log on to said terminal server through a communication line and this communication line, and said terminal server is minded. It is characterized by being constituted including the user terminal which directs demonstration activation to said server for demonstration activation, and receives the demonstration result of said software by said server for demonstration activation through said terminal server.

[0011] Invention of the 2nd of this application is characterized by said communication line of the 1st invention being the Internet.

[0012] Invention of the 3rd of this application is characterized by building beforehand the demonstration execution environment by said terminal server in the 1st invention, and said server for demonstration activation.

[0013] Invention of the 4th of this application is characterized by providing said user terminal of the 1st invention with the window function of said terminal server which controls I/O of a demonstration of said software.

[0014] The server for demonstration activation which is connected on the network as the terminal server which controls I/O of a demonstration of software in the demonstration environmental offer approach of software, and said terminal server where invention of the 5th of this application is the same, and performs the demonstration of said software is prepared beforehand. A user terminal is characterized by logging on to said terminal server through a communication line, directing demonstration activation to said server for demonstration activation through said terminal server, and receiving the demonstration result of said software by said server for demonstration activation through said terminal server.

[0015] Invention of the 6th of this application is characterized by said communication line of the 5th invention being the Internet.

[0016] Invention of the 7th of this application is characterized by building beforehand the demonstration execution environment by said terminal server in the 5th invention, and said server for demonstration activation.

[0017] Invention of the 8th of this application is characterized by providing said user terminal of the 5th invention with the window function of said terminal server which controls I/O of a demonstration of said software.

[0018]

[Embodiment of the Invention] Next, the gestalt of 1 operation of this invention is explained to a detail with reference to a drawing.

[0019] Drawing 1 is the system configuration Fig. showing the gestalt of 1 operation of this invention.

[0020] Reference of drawing 1 constitutes the gestalt of operation of this invention from the Internet 100 which connects mutually a user terminal 110, the terminal server 210 prepared by the manufacturer side, the local network 200 of the manufacturer in whom the terminal server has participated, the server 220 for demonstration activation on the network, a manufacturer's terminal server, and a user terminal.

[0021] User terminals 110 are information processors, such as a personal computer. The software for a terminal server log on is installed in the user terminal 110, the terminal server 210 of the software manufacturer on the Internet 100 is accessed, and it has the function to operate as a terminal server terminal.

[0022] A terminal server 210 has a terminal server system, and has the desktop screen of imagination for every terminal server client. If a user terminal 110 accesses a terminal server 210, the virtual desktop screen to which terminal server client software was given by through and the user can be operated. All actuation in this screen is performed on a terminal server 210, and only that desktop screen is displayed in the user terminal 110. Moreover, the part placed on a client among the demonstrations of client/server system SOFUWEEA is beforehand installed in the terminal server 210 by the manufacturer.

[0023] Please refer to the paragraph "0009" of a JP,10-21173,A official report about the detail of the above-mentioned terminal server, for example.

[0024] The part placed on a server among the demonstrations of client/server system SOFUWEEA is beforehand installed by the manufacturer, and the server 220 for demonstration activation is communicating with the terminal server 210 through the network 200 in the case of demonstration activation.

[0025] Next, actuation of this invention is explained with reference to the explanatory view of drawing 3 of operation.

[0026] A user terminal 110 uses the software for a terminal server log on for the terminal server 210 of the software manufacturer on the Internet 100, and logs on by the account for which it has applied beforehand (step 1). If the account is a right thing, a log on in a terminal server 210 will be permitted (step 2). The desktop field for users is prepared for the terminal server 210, and the user who logged on here can operate a terminal server 210 through the Internet 100 by the actuation on a user terminal 110 by operating a window like drawing 2 by the function of a terminal

server system. Moreover, the result of operation is immediately displayed on a user terminal through the Internet 100. [0027] If a terminal server 210 is operated and a demonstration is performed from a user terminal 110 (step 3), a terminal server 210 will connect with the server 220 for demonstration activation (step 4), and a demonstration will be performed using the data on the server 220 for demonstration activation (step 5). A terminal server 210 displays this activation result on a user terminal 110 serially (step 6).

[0028] A user publishes a log off instruction from a user terminal 110 to a terminal server 210 (step 6), and these processings are performed until a terminal server 210 cuts connection of a user terminal 110 (step 7).

[0029] Moreover, although the user terminal was explained as one set here, there is no limit of the number of user terminals.

[0030] Similarly, the server for demonstration activation can also perform two or more set connection, is one connection from a user terminal, and can perform the demonstration of two or more applications.

[0031]

[Effect of the Invention] The 1st effectiveness is the point that it is not necessary to build an environment by the user side in order to operate a demonstration environment.

[0032] The reason is that it can use the environment which is connecting with a manufacturer's terminal server, is a manufacturer side, and has already been prepared as it is.

[0033] The 2nd effectiveness is the point that a rate fall does not occur, in a user terminal also in the demonstration environment through the Internet circuit.

[0034] Actuation of the demonstration with the actual reason is performed on a manufacturer's local network, and is because it is hard to be influenced by the terminal server system of a fall by the line speed in the Internet since only the activation result can be checked in a user-terminal side.

[0035] The 3rd effectiveness is the point that the demonstration of software is not used unjustly..

[0036] The demonstration is performed on a manufacturer's server and the reason is because it is not necessary to install in a user terminal.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is system configuration drawing showing the gestalt of 1 operation of this invention.

[Drawing 2] It is an example of a screen display in the user terminal of this invention.

[Drawing 3] It is the flow chart showing actuation of operation of this invention.

[Drawing 4] It is the block diagram showing the conventional demonstration offer method.

[Description of Notations]

10 User Terminal

20 Server

30 Local Network

50 Internet

60 Server for Demonstration Offer

100 Internet

110 User Terminal

200 Local Network

210 Terminal Server

220 Server for Demonstration Activation

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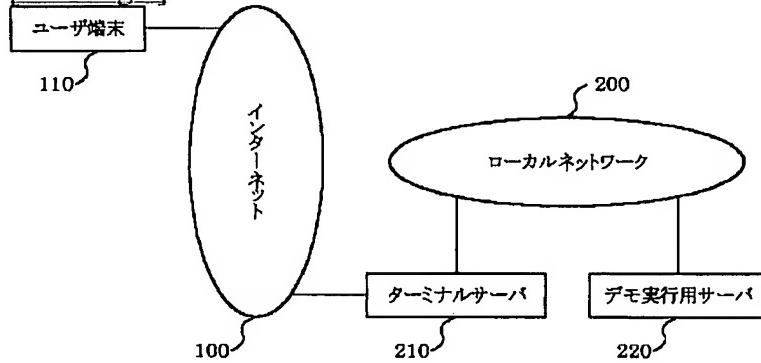
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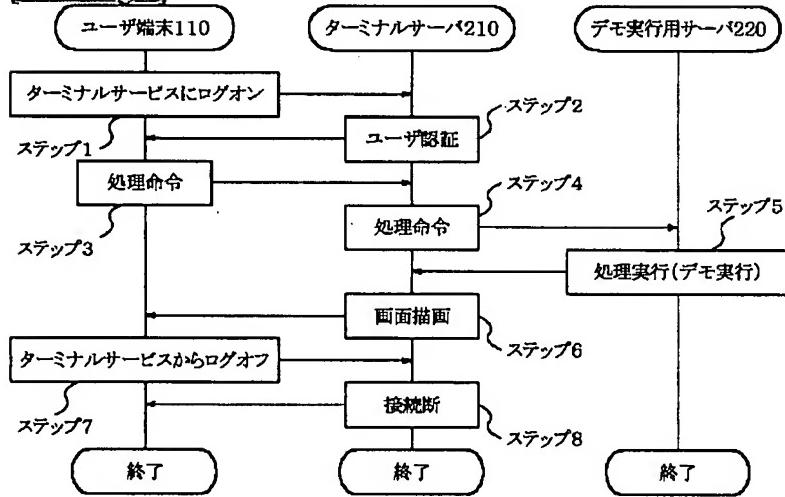
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DRAWINGS

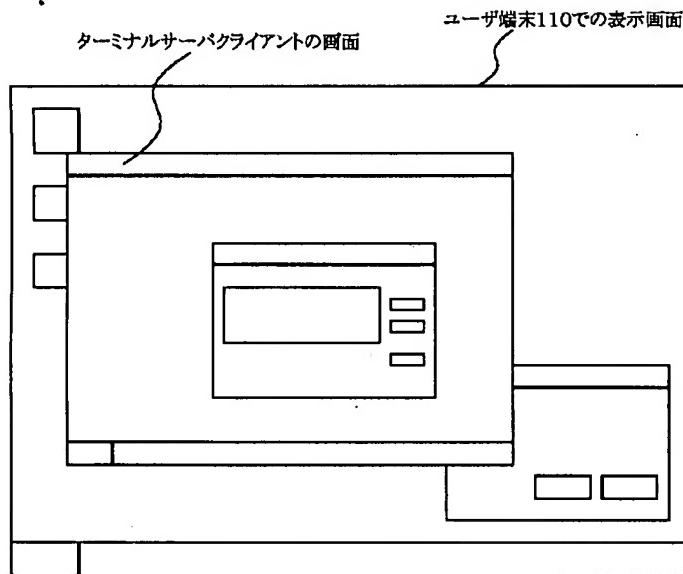
[Drawing 1]



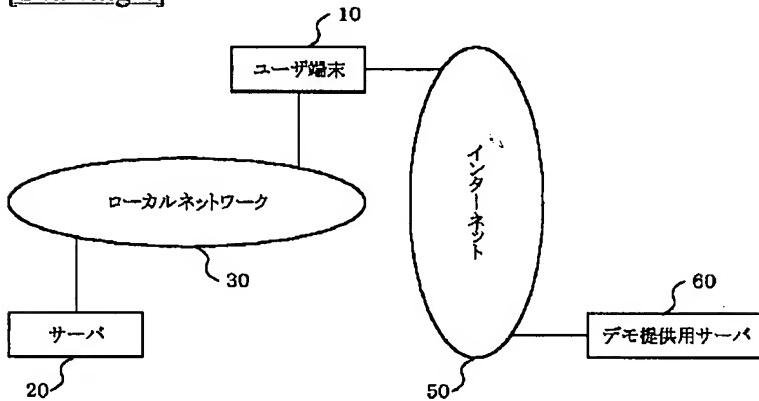
[Drawing 3]



[Drawing 2]



[Drawing 4]



[Translation done.]